ABSTRACT OF THE DISCLOSURE

An anti-lock brake system (ABS) or an electro-pneumatic brake system (EBS) for a vehicle, such as a trailer, is used to perform a function of the vehicle when it is in reverse such as sounding an audible back-up alarm and/or lighting a back-up lamp. A sensor member is mounted on an axle of the vehicle is used to determine the speed of rotation of the wheel and to determine the direction of rotation of the wheel by sensing an exciting ring which rotates with the wheel. A controller processes information from the sensor member regarding the wheel speed and the direction of wheel rotation. A circuit causes the function on the vehicle to be performed when it is activated by the controller.